

L/F Kangaroo Island

PENGO POLE HOLE BORER, ON COMBINED CIRCLE TURN AND SLIDING BASE, TRUCK MOUNTED.

1. TYPE OF MACHINE.

Borer, pole hole, heavy duty truck mounted with turntable and separate engine.

2. GROUP CLASSIFICATION.

Classification F.B.B.



FIG. 1. PENGO BORER ON SWING BASE, BORING AT REAR.

3. MAKE AND MODEL.

Pengo pole hole borer integrally mounted on a combined circle turn and sliding base; in turn mounted on 4-5 ton 4 wheel drive motor truck with pole erector.

4. BORER SPECIFICATIONS.

Mounting location	-	Rear of truck.
Arc of rotation of circle turn	-	270°.
Travel of sliding base	-	2 ft.
Depth of bore in one operation	-	8'9".
Additional depth	-	Nil.
Auger sizes - earth	-	12", 16" and 20" diameter.
- rock, blasting	-	1-9/16" diameter x 3 ft. long.
- anchor	-	8" diameter x 3 ft.
Tilting - fore and aft	-	67½° fore to 15° aft, hydraulic.
- sideways	-	45° each side, hydraulic.
Drive to borer head	-	Mechanical, through fluid coupling.
Auger, raise and lower	-	Hydraulic.

5. POLE ERECTOR SPECIFICATIONS.

Mounting location	-	Rear of truck utilising auger support frame.
Lifting power	-	Hydraulic.
Lifting capacity	-	15 cwt.
Maximum length of pole approx.	-	35 ft.
Width of boom at upper end	-	Less than 9".

6. MOVEMENT BETWEEN JOBS.

Travel as a standard 5-ton 4-wheel drive motor truck.

7. DIMENSIONS.

Overall height - travelling - approximately 10 ft.
Overall length - travelling - approximately 25-30 ft.
Overall width - travelling - approximately 7'6".

8. ENGINE.

Borer - water cooled petrol.
Truck - water cooled petrol.

9. ACCESSORIES.

Hydraulically driven winch, 120 ft. ½ diameter steel wire rope, breaking strain 9 tons.
Independent hydraulic stabilising jacks.
Facilities for carrying augers and other equipment on tray of truck.
Drawbar.

END.